

# International Journal of Computer Mathematics

## VOLUME 36

### INDEX

GORDON AND BREACH SCIENCE PUBLISHERS INC.

## INDEX

### SECTION A: Computer Systems

AOE, JUN-ICHI

A Practical Method for Compressing Sparse Matrices with Variant Entries, **163**

BALACHANDRAN, K. and MURUGESAN, K.

Analysis of Nonlinear Singular Systems via STWS Method, **9**

CHAN, SHU-PARK—see HUANG, YIADONG

DASSOW, JURGEN and PAUN, GHEORGHE

On the Degree of Non-Regularity of Context-Free Languages, **13**

FAHMY, HOSSAM MAHMOUD AHMAD

Timed Petri Nets: Probabilistic Selection of Data Dependent Paths, **183**

HUANG, YIADONG and CHAN, SHU-PARK

A New Algorithm for Stable Assignments, **131**

KRITHIVASAN, KAMALA—see PRASAD, NAGENDRA

MAHAJAN, M. V. MEEMA—see PRASAD, NAGENDRA

MAKINEN, ERKKI

Experiments on Drawing 2-Level Hierarchical Graphs, **175**

MEDUNA, ALEXANDER

Generalized Forbidding Grammars, **31**

MURUGESAN, K.—see BALACHANDRAN, K.

PAUN, GHEORGHE—see DASSOW, JURGEN

PRASAD, NAGENDRA, MAHAJAN, M. V. MEENA and KRITHIVASAN, KAMALA

Fuzzy *L*-Systems, **139**

RASHAD, A. M.

Superimposed Codes for the Search Model of A. Renyi, **47**

VAN ZANTEN, A. J.

The Complexity of an Optimal Algorithm for the Generalized Tower of Hanoi Problem, **1**

YU, S. S.  
A Characterization of Intercodes, 39

SECTION B: Applications

ANDREW, ALAN L., DE HOOG, FRANK, R. and TAN, ROGER R. C.  
Direct Computation of Derivatives of Eigenvalues and Eigenvectors, 257

BAO, P. and ROKNE, J. G.  
A Note on the Inclusion Isotonicity for Meromorphic Forms, 101

BENAINI, ABDELHAMID and ROBERT, YVES  
Modular Systolic Linear Array for Gaussian Elimination, 105

BENSON, MAURICE W.  
Frequency Domain Behavior of a Set of Parallel Multigrid Smoothing Operators, 77

CHAWLA, M. M.  
A New Folding Gaussian Elimination Algorithm for General Linear Systems, 211

DE HOOG, FRANK R.—see ANDREW, ALAN L.

ELHAY, SYLVAN—see RABINOWITZ, PHILIP

EVANS, D. J. and LI, C.  
SOR Method and  $P$ -Cyclic Matrices (I), 57

EVANS, D. J. and LI, C.  
The Normalised Alternating Group Explicit (NAGE) Method, 199

KAUTSKY, JAROSLVA—see RABINOWITZ, PHILIP

LE GALL, FRANCOISE and MOUNEY, GERARD  
About the Generation of Parallel Block Predictor-Corrector Algorithms for ODEs, 209

LI, C.—see EVANS, D. J.

LI, C.—see EVANS, D. J.

MAVRAMATIS, HARRY, A.  
An Interesting New Result Involving Associated Laguerre Polynomials, 257

MOUNEY, GERARD—see LE GALL, FRANCOISE

## PINI, G.

Computation of Minimum Eigenvalue through Minimization of Rayleigh's Quotient for Large Sparse Matrices using Vector Computer, **89**

## RABINOWITZ, PHILIP, ELHAY, SYLVAN and KAUTSKY, JAROSLAV

Empirical Mathematics: The First Patterson Extension of Gauss-Kronrod Rules, **119**

## ROBERT, YVES—see BENAINI, ABDELHAMID

## ROKNE, J. G.—see BAO, P.

## SURLA, KATARINA and UZELAC, ZORICA

An Optimal Uniformly Convergent OCI Difference Scheme for a Singular Perturbation Problem, **239**

## TAN, ROGER C. E.—see ANDREW, ALAN L.

## UZELAC, ZORICA—see SURLA, KATARINA



